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PATENT APPLICATION

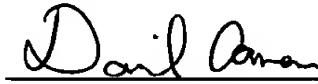


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)
Applicant: Seyama et al.)
Serial No.)
Filed: March 28, 2001)
For: SPIN VALVE MAGNETORESISTIVE)
SENSOR HAVING CPP STRUCTURE)
Art Unit:)

I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Asst. Comm. for Patents, Washington, D.C. 20231, on this date.

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants through counsel herewith submit copies of the publications as set forth in the attached form PTO-1449 as follows:

FOREIGN PATENT DOCUMENTS

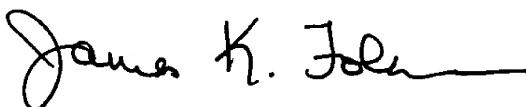
<u>DOCUMENT NO.</u>	<u>COUNTRY</u>	<u>PUBLICATION DATE</u>
11-316919	Japan	Nov. 16, 1999
11-175925	Japan	Jul. 2, 1999

2000-113419	Japan	Apr. 21, 2000
10-21513	Japan	Jan. 23, 1998
10-11720	Japan	Jan. 16, 1998
11-213349	Japan	Aug. 6, 1999
11-509956	Japan	Aug. 31, 1999

Please note that JP 10-21513 corresponds to U.S. Serial No. 08/580,661 (filed December 29, 1995); JP 10-11720 corresponds to U.S. Serial No. 08/600,239 (filed February 12, 1996); JP 11-213349 corresponds to U.S. Serial No. 08/957,699 (filed October 24, 1997); and JP 11-509956 corresponds to PCT/US97/08601, which is International Publication No. WO97/44781.

Applicants respectfully request that the Examiner consider the above-listed references in the examination of this application and list these references of record in the application.

Respectfully submitted,
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